

THE HELEN DELICH BENTLEY

PORT *of* BALTIMORE



SEPTEMBER/OCTOBER 2019



→ Strategic Location → Infrastructure → Customer Service → Partnerships



marylandports.com

TAYLOR NORTHEAST



TNE



Taylor Machine Works has been building material handling equipment in the USA since 1927. Taylor Northeast has been serving the bustling Mid-Atlantic ports for nearly 30 years. Together, our knowledge and equipment will help your business thrive.

888.750.7333 TAYLORNORTHEAST.COM

YARD TRUCK SPECIALISTS

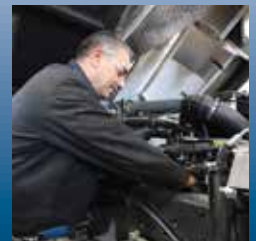
SALES

SERVICE

PARTS

RENTALS

REBUILDS



**KALMAR
OTTAWA**

800.445.1141 YARDTRUCK.COM

Frank Burkhardt

Frank Burkhardt
BalTerm employee for 11 years



One of our most important assets.

Cleanliness, and the employees who keep it that way. Partner with the company that's cleaning up when it comes to forest products warehousing, stevedoring and cargo handling. Of course, some might consider us a bit obsessive about keeping our warehouses and equipment clean,



but it's that kind of attention to detail that puts BalTerm in a class by itself. Our warehouse floors are as polished as our reputation. And if our floors get this much attention, imagine the attention we give to everything else. **At BalTerm, our assets are your assets.**



www.BalTerm.com

South Locust Point Marine Terminal 2001 East McComas St. Baltimore, MD 21230 410.752.9981



GOVERNOR
Larry Hogan



LIEUTENANT GOVERNOR
Boyd Rutherford



SECRETARY, MARYLAND DEPARTMENT OF TRANSPORTATION
Pete K. Rahn



EXECUTIVE DIRECTOR
James J. White

MARYLAND PORT COMMISSIONERS



Brenda Dandy



Christian Dean



Robert Huber



Rev. Dr. John A. Lunn, Sr.



David M. Richardson



Walter Tilley

THE HELEN DELICH BENTLEY

PORT of BALTIMORE



MARYLAND DEPARTMENT OF TRANSPORTATION MARYLAND PORT ADMINISTRATION

World Trade Center Baltimore, 401 E. Pratt St.
Baltimore, MD 21202 | Toll Free 1-800-638-7519

Executive Director

James J. White – 410-385-4401
jjwhite@marylandports.com

Deputy Executive Director of Logistics and Port Operations

Dave Thomas – 410-633-1043
dthomas@marylandports.com

Director of Sales and Marketing

Richard Powers – 410-385-4731
rpowers@marylandports.com

Director of Operations

Brian Miller – 410-633-1124
bmiller2@marylandports.com

Director of Maritime

Commercial Management

Michael Miller – 410-385-4747
mmiller@marylandports.com

Director of Harbor Development

Kristen Fidler – 410-385-4563
kfidler@marylandports.com

Director of Security

David Espie – 410-633-1153
despie@marylandports.com

Director of Planning

Jim Dwyer – 410-385-4439
jdwyer@marylandports.com

Director of Finance

Wonza Spann-Nicholas –
410-385-4560
wspann@marylandports.com

Director of Engineering

Steve Johnson – 410-385-4822
sjohnson2@marylandports.com

General Manager of Intermodal / Trade Development

Donovan Murray – 410-385-4474
dmurray@marylandports.com

OFFICE OF COMMUNICATIONS

410-385-4480

Director of Communications

Richard Scher
rscher@marylandports.com

SALES & MARKETING BALTIMORE:

General Manager of Cruise Maryland

Cindy Burman – 410-385-4458
cburman@marylandports.com

Auto

Larry Johnson – 410-385-4472
ljohnson1@marylandports.com

Roll-On & Roll-Off Cargo

Joseph F. Marecki – 410-385-4453
jmarecki@marylandports.com

Specialized Cargo

John Timmins – 410-385-4451
jtimmins@marylandports.com

UNITED STATES:

New York / New Jersey

Charlie McGinley – 908-964-0772
cmcginley@marylandports.com

Pittsburgh / Cincinnati

Rick Pagley – 724-657-6805
rpagley@marylandports.com

INTERNATIONAL:

Taiwan

Shin-I Lin – 886-2-2314-8952
slin@marylandports.com

PUBLISHER

TODAY MEDIA

CUSTOM COMMUNICATIONS

1014 W. 36th St.
Baltimore, MD 21211
410-828-0120 | Fax: 410-825-1002
www.todaymediacustom.com

Chairman Robert F. Martinelli

President Jonathan Witty

General Manager Kim Fortuna

Advertising Director Steve Lassiter

Editor Todd Karpovich

Art Director Darby Lassiter

Senior Account Executive Karen Bark

Graphic Designer Chris Boyd

Staff Writers Tina Irgang, Mary Maushard, Merrill Witty

Staff Photographers

Donovan Eaton Photography

Please address all advertising inquiries to Today Media Custom Communications, attention Karen Bark (karen.bark@todaymediacustom.com). Please address all editorial inquiries to Today Media Custom Communications, attention Todd Karpovich (todd.karpovich@todaymediacustom.com). Material in this magazine may be reproduced in whole or part with a credit line reading "Reprinted from The Helen Delich Bentley Port of Baltimore Magazine." The Maryland Department of Transportation Maryland Port Administration is an equal opportunity affirmative action agency.

Printed in U.S.A.

Here and Now

Deep Drafts, Large Cranes,
Intermodal Connections and
Expansive Supply Chain Support



Ports America Chesapeake's Seagirt Marine Terminal has a 50-foot draft berth, four super-post-Panamax cranes for ultra-large container vessels, complete intermodal services at Seagirt Container Transfer Facility, expansive terminal land area to support growing supply chains, and industry-leading vessel and terminal productivity. Please visit our website for more.



PACHesapeake.com
Twitter: @pachesapeake

↓ CONTENTS

September/October 2019



FOLLOW

THE PORT OF BALTIMORE
ON SOCIAL MEDIA FOR
THE LATEST INFORMATION



twitter.com/portofbalt



facebook.com/baltimoreport



instagram.com/portofbalt

BILL MCALLEN

↑ American Roll-on Roll-off Carrier (ARC) christened three new ships, the *Resolve*, the *Integrity* and the *Independence* — some of the most versatile and militarily useful ships in the U.S.-flag commercial fleet — at the Port of Baltimore.

FEATURES

22 We Are No. 1
Port Is Nation's Top Destination
for Automobiles

30 ARC Holds
Naming Ceremony
Three New Vessels Christened at Port



COVER:

The Port of Baltimore is the nation's No. 1 point of entry for automobiles thanks to its strategic location, infrastructure and customer service. Photography by Bill McAllen.



DEPARTMENTS

6
Governor's Message &
Executive View

8
Soundings
Happenings Around the Port

16
GreenPort

- Design Pact Moves Eroding Islands Closer to Restoration
- Masonville Cove Partners Celebrate 'Decade of Dedication'
- MDOT MPA Wins Award for Masonville Stewardship
- Soil Reuse Partnership Wins Award
- Summer Fellowship Teaches Sustainability Lessons

32
Port Business /
Atlantic Container Line
Long-Standing Partnership
With the Port

36
Port Business /
American Marine & Cargo
Inspects and Surveys Ships
Around the Port

40
Port People / Royal Caribbean
Selling Vacation Adventures

44
Port View
Canton Provides Easy
Gateway to Port



FTZ #74 is now **BIGGER**

Baltimore's Foreign Trade Zone (FTZ #74) is one of the largest and most active in the United States, and we just got bigger. So if you're a manufacturer or importer of any size, the Foreign Trade Zone program could help improve your businesses' bottom line. Find out how by contacting Baltimore Development Corporation today.



Baltimore
Development Corporation



info@baltimoredevelopment.com
www.baltimoredevelopment.com

GOVERNOR'S MESSAGE

Port of Baltimore Is a Convenient Gateway for Cruises

The record-breaking statistics of cargo moved through the Port of Baltimore are well known, but did you know the Port also offers year-round cruising to beautiful, warm tropical destinations like the Bahamas, Bermuda and Caribbean? In fact, two of the world's largest cruise lines, Royal Caribbean and Carnival, have ships home-ported in Baltimore that sail out of the Port year-round.

Cruising from the Port of Baltimore is a convenient and easy experience. The cruise terminal is located right off Interstate 95, clearly visible from the highway, and offers ample parking. As travelers from around the world prepare

to board their cruise ships from the Port of Baltimore, they begin their journey by enjoying our restaurants, exploring our entertainment options and staying in our hotels. This activity makes for an important economic driver for the region, generating around 500 local jobs and \$90 million annually in economic benefits in and around the Port.

As shorter days and colder nights approach, our great state looks forward to welcoming adventure-hungry travelers, ready to start their next voyage to a new tropical paradise.

Larry Hogan, Governor

EXECUTIVE VIEW

Port Positioned for Continued Success

For eight consecutive years, the Port of Baltimore has been the number one U.S. port for handling cars and light trucks. Our success in this commodity comes from making sure we take good care of our existing business while we develop new business that grows jobs and delivers economic benefits for Maryland.

Last year the Port handled more than 850,000 cars and light trucks. We are tracking slightly ahead of that pace this year. Our reputation as an auto port is firmly entrenched in the excellent overall care that we provide to vehicles that cross our piers.

With our industry-renowned quality program, QCHAT, we bring labor, manufacturers, processors and ocean carriers together monthly to review past performances and to discuss how we can improve.

We offer four on-dock auto processors. This provides our customers with choices to see which processor is right for them. Processors handle pre-delivery and

quality inspections, installations of any special features or accessories and general finishing work in preparation for delivery.

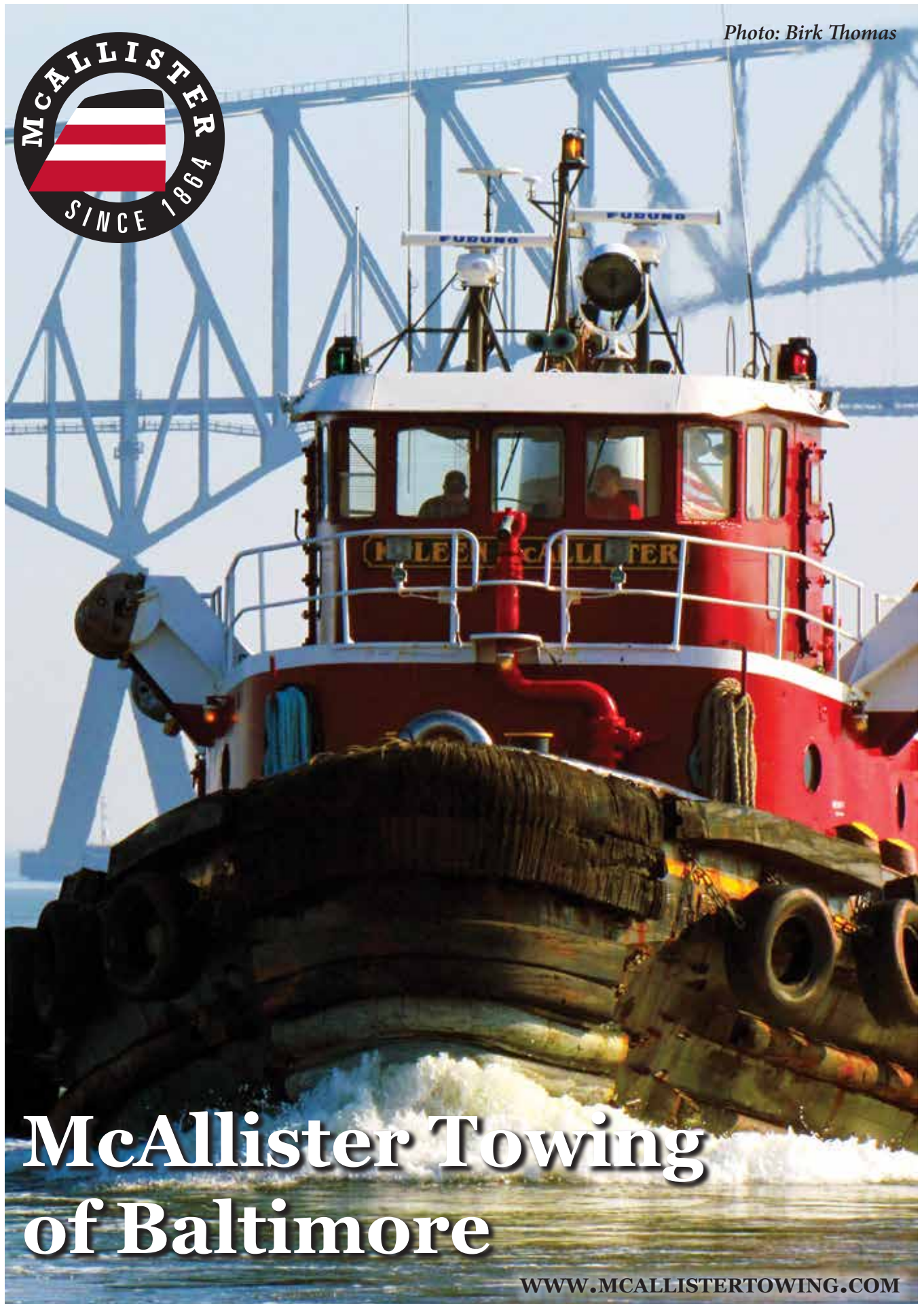
Our geographic location of being the furthest inland U.S. East Coast port is also an advantage. This allows us to reach Midwestern markets more quickly and at a lower cost than other East Coast ports. It also allows us to attract U.S.-manufactured freight from the Midwest.

While these are all important factors, our success would not be possible without our highly skilled workforce. They are the ones who make it happen.

With these advantages, we will remain in the best competitive position moving forward as an auto port for many more years.

James J. White, Executive Director
Maryland Department of Transportation
Maryland Port Administration

Photo: Birk Thomas



McAllister Towing of Baltimore

WWW.MCALLISTERTOWING.COM

SOUNDINGS

The Happenings In and Around the Port — Send us your news for a possible item in the Soundings section in the *Port of Baltimore* Magazine. Email todd.karpovich@todaymediacustom.com.



↑ Left to right: Eddie Resende, Chief Operating Officer at WTCI; Susan Aplin, Chief Innovation Officer at WTCI; Harold Adams, Chairman Emeritus of WTCI Board of Directors; Deborah Kielty, CEO at WTCI.

NEWSMAKERS

World Trade Center Institute Celebrates 30th Anniversary

The World Trade Center Institute (WTCI), a Baltimore-based nonprofit organization that has worked with thousands of regional businesses, embassies, governments and universities, is celebrating 30 years of service to the Baltimore business community this year.

As part of its mission to empower and shape globally minded leaders, WTCI has cultivated a vast network of members from many companies, including Ciena, Johns Hopkins Medicine International, Pompeian, Inc. and Proctor & Gamble, just to name a few. By providing services like access to World Bank

procurement opportunities, making international and local connections, helping members increase their visibility and offering strategic reporting and analysis for these prominent companies, both big and small, WTCI continues to support and expand its global network.

WTCI also provides educational programs for individuals interested in becoming global leaders, from high school juniors and seniors to top executives. The programs designed for younger leaders, such as the Global Pathways for Students (GPS) Program and the Youth Diplomats Program, tap into WTCI's

network to introduce students to a wide variety of career paths within Maryland's top global firms. The professional-development programs for industry leaders, which include the Advanced Global Innovation Leadership for Executives (AGILE) Program and Emerging and Developing Global Executives (EDGE) Program, help to further enhance the careers and reputations of seasoned and rising global business leaders.

To celebrate its 30th anniversary, its educational programs, both new and longstanding, its ongoing event series and so much more, WTCI will be combining its annual State of the Ports event with a party on Nov. 13, 2019 from 4-7 p.m. at the Columbus Center (IMET) at 701 East Pratt Street in Baltimore.

"WTCI has grown exponentially in the last 30 years, and we can't wait to celebrate that with everyone at State of the Ports. We're thrilled to be commemorating the growth and expansion of our network and opportunities for our members and the Baltimore business community," said Walter Pinkard, Senior Director of Marketing for WTCI.

At the 30th anniversary celebration, guests will hear the latest updates and future developments of Maryland's ports directly from Pete Rahn, Maryland's Secretary of Transportation. They will also be able to mingle and network with members of the business community and sample wines from around the world. 🌐

JENN ALLEN PHOTOGRAPHY

NEWSMAKERS

Ports America Chesapeake, MSC Provide Hurricane Relief

Ports America Chesapeake (PAC) and Mediterranean Shipping Company (MSC) provided an expansive relief effort from the Port of Baltimore for victims of Hurricane Dorian in the Bahamas by collecting equipment, food and supplies.

In a span of 24 hours, PAC secured three rental trucks supplied by Herc to move donations, raised \$8,500 and collected and consolidated a large amount of supplies from its employees, the Steamship Trade Association, the International Longshoremen's Association and various vendors into shipping containers provided by MSC.

PAC and MSC were able to fill a 20-foot container with about 18,000 pounds of cargo, along with two 40-foot containers weighing approximately 20,000 lbs. each that Baltimore International Warehousing & Transportation filled with canned goods and more supplies.

Hurricane Dorian, a Category 5 storm, devastated neighborhoods in the Bahamas. More than 1,300 people were still missing two weeks after the hurricane. 🌐



↑ Employees from Ports America Chesapeake and Mediterranean Shipping Company pitched in to collect money and supplies for residents of the Bahamas.



24-hour EMERGENCY RELIEF RESPONSE



NEWSMAKERS

Cashless Tolling Now in Effect at Key Bridge, U.S. 40 Hatem Bridge

All-electronic toll collection began at the Thomas J. Hatem Memorial Bridge and Francis Scott Key Bridge via E-ZPass and video tolling in October.

Under all-electronic tolling, cash will no longer be accepted as payment. New overhead tolling structures, or gantries, have been installed at the bridges to collect tolls electronically. The existing toll plazas will still be up at the Hatem bridge until 2021. Drivers will continue through the plazas without stopping and must obey all roadway signs and speed limits, as these plazas will remain active work zones.

In spring 2021, work at the Hatem bridge will be completed, including demolition of the toll plazas. At that time, motorists will be able to travel at highway speeds. Officials announced the move to all-electronic tolling at the Hatem bridge and at the Key bridge in Baltimore this past spring.

Cashless tolling eases congestion and results in less idling time, which allows better fuel efficiency and reduced vehicle emissions. It is anticipated that cashless tolling at the Hatem and Key bridges will save \$1 million in fuel and 44,000 hours each year. The change also increases driver safety and results in a safer work environment for employees.

At the Hatem bridge, 93 percent of drivers are E-ZPass users. Maryland E-ZPass customers receive significant discounts at most Maryland toll facilities. At the Hatem bridge — where tolls are collected in one direction only — the two-axle E-ZPass toll rate is \$6, and the two-axle video toll rate is \$12.

The E-ZPass Hatem Bridge Discount Plans will remain available with cashless tolling. Due to processing costs, the video toll rate is 50 percent above the cash/base rate with a maximum of \$15 above the base rates. 🌐

EVENTS

Baltimore CBP Leads Multi-Agency K9 Examination of Seaport Vessels, Containers

U.S. Customs and Border Protection (CBP) led a multi-agency canine examination of three ships and more than 80 shipping containers at the Port of Baltimore in September.

Dubbed Operation Port Days, the event was billed as an opportunity to expose more local police narcotics detector dogs to the complexities of shipboard and shipping container examinations while searching for narcotics and other illicit contraband. Hotel-height container ships pose unique challenges for canine examinations with the many tight spaces between container stacks and the myriad ladders between decks.

Several canine alerts resulted in intrusive and nonintrusive examinations, but the team found no illicit contraband. By operation's end, the multi-agency team had inspected three ships and more than 80 trucks and shipping containers at both the seaport's entry and departure gates.

The canine teams represented Kent, Caroline and Dorchester County sheriff's offices and the Federalsburg and Easton police departments along the Eastern Shore.

The world is seeing a trend in larger merchant ships, in particular ships carrying more than 10,000 containers. Transnational criminal organizations are taking advantage of that trend to transport huge loads of concealed cocaine and other dangerous drugs across the globe, as evidenced by the many recent significant narcotics seizures in the United States and Europe.

"Customs and Border Protection knows that our local law enforcement partners' canine capabilities can serve as an invaluable force multiplier to quickly and efficiently inspect the larger container ships arriving from high-risk ports in narcotics source nations," said Casey Durst, CBP's Director of Field Operations in Baltimore. "CBP and all of our law enforcement partners remain collectively committed to intercepting dangerous drug loads before they can harm our communities." 🌐

➔ *The CBP-led multi-agency team inspected more than 80 containers and trucks at the Port of Baltimore. Bottom right: The examination exposed local police K9 units to the complexities of shipboard inspections.*





PHOTOGRAPHY COURTESY OF U.S. CUSTOMS AND BORDER PROTECTION

Efficient Effective Experienced

westernfumigation.com
800-542-1542

Servicing the Eastern United States Ports since 1928

WESTERN
FUMIGATION

**WARM SERVICE.
DELIVERED COLD.**

For more than 90 years, MTC Logistics has been providing temperature controlled logistics services. Now with more than 32,000 pallet spaces adjacent to the Port of Baltimore and max loading capabilities. To learn more visit us at www.mtccold.com

Strategically located at the Port of Baltimore

MTC LOGISTICS

www.mtccold.com
410-342-9300
Baltimore | Jessup | Wilmington

WAREHOUSING ■ TRANSPORTATION ■ TECHNOLOGY

EVENTS

Baltimore Maritime Exchange's **Annual Port Party & Shrimp Feast** Honors Dave Stambaugh

The Baltimore Maritime Exchange's annual Port Party & Shrimp Feast took place at Vane Brothers in September. The guest of honor was Dave Stambaugh, who officially retired as General Manager of the Baltimore Maritime Exchange on Jan. 1. Attendees were asked to wear a bow tie to pay homage to Stambaugh. Baltimore Mayor Jack Young attended the party, along with many prominent members of the local maritime community. In April, Stambaugh also received a citation from the Maryland Department of Transportation Maryland Port Administration for more than 45 years of service to the Port of Baltimore and other organizations, such as the Baltimore Port Alliance and the Propeller Club. Stambaugh has been transitioning into a role as a consultant to the Baltimore Maritime Exchange. 🌐

➔ *Top right: During the party, guests were invited to tour the Vane Brothers 3,000-hp tug Cape May, which sat pierside with crew on board before leaving for a bunkering job at the cruise terminal. Right: Capt. Eric Nielsen of the Association of Maryland Pilots speaks about the guest of honor, former BME Manager David Stambaugh, while the BME's Ingrid Londoño and Brittany Mills look on.*



PHOTOGRAPHY COURTESY OF VANE BROTHERS

⬆ *Above left: Among the VIP guests was Baltimore Mayor Jack Young. Above right: Vane Brothers mariners showed guests around the tug Cape May. Shown are, from left, OS Deckhands Glen Scroggins and Tom Patzold, Licensed Engineer Earnest Hardy Jr. and Captain Jordan McCluskey, together with State Senator Johnny Salling, State Delegate Ric Metzgar and two guests from Cianbro.*

EVENTS

Tradepoint Celebrates Bethlehem Steel History with Annual Star Lighting

Tradepoint Atlantic invites the Port community to its annual lighting of the "Star of Bethlehem" on Dec. 4.

The lighting ceremony will take place from 5 to 6 p.m. at the Tradepoint Atlantic Water Tower on Riverside Drive. Hot chocolate and holiday treats will be provided.

The "Star of Bethlehem" sat atop Bethlehem Steel's 320-foot-tall L Blast Furnace from 1978 to 2015. Built by steelworkers, the star spans 28 feet and features 196 bulbs.

"Knowing just how important this star is to the community and to the history of Bethlehem Steel,

Tradepoint Atlantic devised a plan to safely remove it from the L Blast Furnace before it was demolished so that it could one day be relit on site," said Amy Lingenfelder, Tradepoint's Marketing Director and Project Coordinator. "Since 2015, the star lived on the site of the Water Treatment Facility, but in 2018, it was given a new home on the side of the Tradepoint Atlantic Water Tower in the middle of the property." The new site is taller, allowing travelers on the Beltway, Key Bridge and along the Patapsco River to see the star's glow.

"It is our hope that through the

annual 'Star of Bethlehem' lighting ceremony, the mill's legacy will live on for many years to come," Lingenfelder added. 🌐



PHOTOGRAPHY COURTESY OF
TRADEPOINT ATLANTIC

MARINE TECHNOLOGIES, INC.



1.410.355.2000

24 hrs/7 days weekly - Worldwide

Full Service Marine Contractor specializing in:

- Commercial Diving (our divers are OQ Certified through OQSG, including HAZMAT and deep penetration diving)
- Heavy Marine Construction
- Ship Husbandry (ABS/DNV certified for underwater inspection and repairs)
- Crane/Barge/Tug Service
- Maintenance and Repairs
- Pile Driving
- Inspection Services

Visit our website www.marinetechologiesinc.com or call **TODAY!**

EVENTS

Vane Brothers Continues Tradition With **USS Constellation**

Baltimore-based Vane Brothers tugs and Port Captain Jim Demske, with support from other Vane mariners, have provided assistance with moving the USS *Constellation* as needed for the last quarter-century. They teamed up again on Sept. 30 for another move. The USS *Constellation* will be open for business on the Inner Harbor's West Wall for several months while work is completed on a new museum building. 🌐

➔ *The USS Constellation gets assistance from Vane Bros tugs. Top right: Vane Brothers Port Captain Jim Demske, left, and Historic Ships in Baltimore Executive Director Christopher Rowsom as they discuss the delicate operation prior to the Vane Brothers tugboat Cape May easing the USS Constellation out of her berth.*



PHOTOGRAPHY COURTESY OF VANE BROTHERS



WAREHOUSING



FULFILLMENT



TRANSPORTATION



KITTING/VALUE ADDED



BRC & AIB CERTIFIED



FTZ & CES SERVICES



1820 PORTAL STREET, BALTIMORE, MARYLAND 21224

www.beltslogistics.com

410-342-1111

info@beltslogistics.com



FOLLOW US @portofbalt



BATA Marine, Inc.

SECURING THE PORT...
LINE HANDLING AND SECURITY

Office: 410-808-1050

Fax: 410-569-5342

Email: batamarine@comcast.net

website: www.batamarineinc.com



**24 HOUR OPERATION
BONDED AND INSURED**



GreenPort



Environmental Stewardship at the Port of Baltimore *BY MARY MAUSHARD*

Design Pact

Moves Eroding Islands Closer to Restoration



COURTESY OF THE NATIONAL AQUARIUM

Two long-eroding islands in the Chesapeake Bay are closer to restoration with clean sediment dredged from shipping channels.

The Maryland Department of Transportation Maryland Port Administration (MDOT MPA) and the U.S. Army Corps of Engineers, Baltimore District, recently signed a design agreement that will move James and Barren islands, off the coast of Dorchester County, into the final development phase before construction.

The project, commonly known as the Mid-Bay Island Project, is beginning with the four-year, \$9 million engineering and design phase this year, with 65 percent federal funding and 35 percent state dollars. Restoration of Barren Island could begin as early as 2022, with James to follow in 2024.

With sediment dredged from the

Port of Baltimore shipping channels and other shallow-draft channels, the remote islands will total 2,144 acres of wetland and terrestrial habitat for fish, shellfish, reptiles, amphibians, birds and mammals. This will be a big step toward achieving the Chesapeake Bay Program's Vital Habitats Goal.

"The Corps of Engineers executes many missions and projects that benefit the nation, including maintaining federal navigation channels and large-scale ecosystem restoration projects," said

Baltimore District Commander Col. John Litz. "We're proud to partner with MDOT MPA on this ... project that will have a significant beneficial impact on the Port of Baltimore and the economy."

James Island, the larger of the two islands with 2,072 acres, will accommodate an estimated 90 to 95 million cubic yards of dredged materials, providing at least 30 years of capacity. Its boundaries will be reinforced to prevent erosion, and cells within the island will accept dredged materials over the years to rebuild the island.

"To support the economic giant that is the Port of Baltimore, we need to continually dredge our shipping channels to accommodate the massive ships that are carrying more cargo than ever before," said Gov. Larry Hogan. "This important dredging project will also help us

"This important dredging project will also help us stem the tide of erosion to preserve James and Barren islands and protect Dorchester County residents from additional shoreline erosion." — Gov. Larry Hogan

stem the tide of erosion to preserve James and Barren islands and protect Dorchester County residents from additional shoreline erosion."

The Mid-Bay Island Project is similar to the Poplar Island restoration project, off Talbot County, that also used dredged sediment from the Port's channels. Restoration of that

long-eroded island began in 1994 and included a recent expansion resulting in a total of 1,175 acres; the expansion adds capacity for 28 million cubic yards of sediment. An important habitat for waterfowl and other wildlife, Poplar Island has become an international model for the beneficial reuse of dredged material. 🌐



Warehousing and distribution of containerized cargo from the Port of Baltimore.

We also provide container drayage and cross-docking services.

8415 Kelso Drive #300
Baltimore, MD 21221
P: 443.596.3520 or 443.596.3522
F: 410.630.3550
www.royallogisticsinc.net

SOME SERVICES WE OFFER:

- > 144,000+ SF Class A Warehouse
- > Container Stripping
- > Quick Turnarounds on Containers
- > Minutes from the Port of Baltimore
- > Fenced-in Gated Facility
- > Flat Rate Distribution



PHOTOGRAPHY BY WILL PARSON/CHESAPEAKE BAY PROGRAM



Masonville Cove Partners Celebrate a **'Decade of Dedication'**

Thanks to a community-driven effort, a contaminated brownfield and former dumping ground in Baltimore Harbor has been restored to a thriving ecological habitat and educational center.

Once too polluted for anyone to enjoy, this stretch of Baltimore shoreline known as Masonville Cove is now a model of urban environmental development. It is such a success that its partners organized a year-long celebration, the "Decade of Dedication." Through extended hours and special weekend events, such as a movie night, yoga class, a kayaking adventure and night hikes, Masonville Cove invites the community to experience and enjoy nature in the city.

Looking at the site today, it's hard to believe that 60,000 tons of

debris, some of which is believed to have been from the Great Baltimore Fire of 1904, were removed from the cove. Completion of a project of this magnitude did not come easy. It took a great deal of dedication from community members, government agencies and nonprofits. Their efforts were so successful that in 2013, Masonville Cove was designated as the nation's first Urban Wildlife Refuge Partnership by the U.S. Fish and Wildlife Service (USFWS).

The site is home to the Masonville Cove Environmental Education Center, which is recognized as a model for providing community members and schoolchildren with an opportunity to connect with their natural environment and participate in meaningful stewardship projects. During this past spring and summer, visitors walking

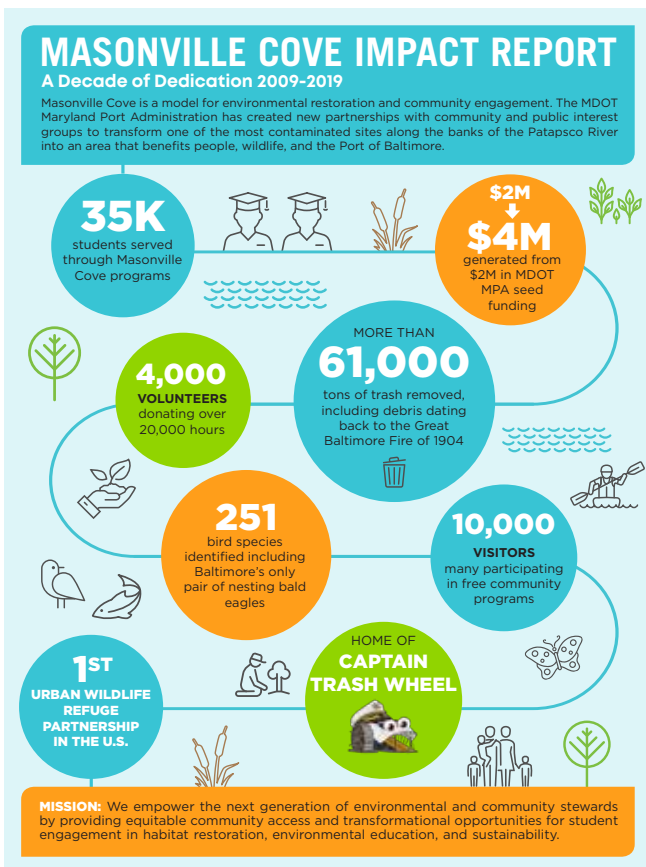
Masonville's nature trails along the Patapsco River may have even seen Baltimore City's only known pair of nesting eagles and their offspring.

At the shore stands Captain Trash Wheel, one of three trash wheels stationed throughout Baltimore to remove trash and debris from the water and engage the community through their large following on social media.

"Every time I go to Masonville Cove, I feel so proud of what the community and our partners were able to accomplish here. The most meaningful to me is knowing that thousands of students each year have a chance to learn to appreciate nature right here in the City of Baltimore," said Katrina Jones, Maryland Department of Transportation Maryland Port Administration (MDOT MPA) Outreach Coordinator for Harbor Development.



← **High School students plant native perennials to benefit pollinators (left) and pick up litter along a living shoreline (above). Educators from Living Classrooms Foundation teach students about water quality and the environment in the Masonville Cove Environmental Education Center.**



Rodette Jones, Manager of Filbert Street Community Garden in Curtis Bay, said, "The partners at Masonville Cove have done a phenomenal job of engaging with the communities and educating our children about the nature around them."

Looking back over the last decade, community members and partners, including the MDOT MPA, Living Classrooms Foundation, National Aquarium, Maryland Environmental Service (MES) and USFWS, thought their success called for a celebration.

To continue the celebration, evening hours at the educational center will be extended until 8 p.m. on the first Thursday of each month through 2019, and more special weekend events and activities are planned. 🌐



"DECADE OF DEDICATION"
events in November and December include:

NOV. 17

HIKING WITH THE CAPTAIN

DEC. 5

OWL PROWL

DEC. 14

CAPTAIN'S SCAVENGER HUNT

For more information, call the education center at (410) 246-0669 or visit www.masonvillecove.org.

Be sure to follow **Captain Trash Wheel** on social media!



MDOT MPA Wins Award for Masonville Stewardship

The Maryland Department of Transportation Maryland Port Administration (MDOT MPA) is being honored for its commitment to the Masonville Cove restoration project.

The American Association of Port Authorities (AAPA) honored MDOT MPA with its Award of Distinction in Stakeholder Awareness, Education & Involvement for "Masonville Cove: A Decade of Dedication." The award recognizes education and outreach programs, especially those for students, by the MDOT MPA and its partners, the U.S. Fish and Wildlife Service, National Aquarium, Maryland Environmental Service and Living Classrooms Foundation. This is the 10th anniversary of the opening of the Masonville Cove Environmental Education Center.

Once an industrial site and dumping ground, now the nation's first urban wildlife refuge, the site offers walking trails, a fishing pier and an education center and provides habitats for 251 species of birds and more than 200 species of plants and animals.

"This is wonderful news for all of the parties involved in this project," said Kristen Fidler, MDOT MPA Director of Harbor Development. "In addition to its role as a dredge material site for channel sediment, Masonville Cove has been an important environmental asset with features and programs that continue to be used by local communities." 🌐

Soil Reuse Partnership Wins Award for MDOT MPA, MTA

Saving the state millions of dollars, preserving precious landfill capacity, opening up more public green space and seeing one agency's challenge as another's opportunity turned out to be a winning strategy for two Transportation Business Units (TBUs) of the Maryland Department of Transportation (MDOT).

The MDOT Maryland Port Administration (MDOT MPA) and the MDOT Maryland Transit Administration (MDOT MTA) were recently awarded MDOT's 2019 Environmental Excellence Sustainability Award for a partnership to reuse surplus soil. The Masonville Cove Capping and Beneficial Reuse Partnership is a winner for MDOT and the environment too.

Together, the agencies saved at least \$4 million by redirecting surplus soil from MDOT MTA projects for reuse at MDOT MPA sites, specifically Masonville Cove, an urban environmental education center widely regarded as a national model for ecosystem restoration and community engagement on the Patapsco River in Baltimore.

For MDOT MTA, finding suitable and cost-effective options for the soil from new construction projects was a challenge. Hauling it to a landfill was expensive and an inefficient use of resources. For MDOT MPA, it was an opportunity to have suitable soil — at a savings to both agencies — to finish the Masonville Cove site and open it to the public.

In fall 2018, MDOT MPA capped the last remaining area of Masonville Cove using surplus soil provided by MDOT MTA as part of a long-standing and mostly informal program that led to the beneficial reuse of sediments.

That informal program was a partnership between the two MDOT TBUs. Bill Richardson, MDOT MPA's General Manager of Safety, Environment & Risk Management, and MDOT MTA Environmental Manager Robert Frazier collaborated to reuse surplus soil whenever possible. They started by stockpiling material from MDOT MTA's Kirk Avenue project in Baltimore near the Masonville Dredged Material Containment Facility (DMCF) for future use.

"This is a great example of the One-MDOT approach where



Summer Fellowship Supports Port Sustainability

Jon-Michael Murray is no stranger to ports. As a nuclear machinist mate in the U.S. Navy for six years, he had been to many of them. But his summer fellowship with the Maryland Department of Transportation Maryland Port Administration (MDOT MPA) at the Port of Baltimore gave him a broader view of how a public seaport really works.

Murray, a graduate student at Yale University's School of Forestry and Environment and an Environmental Defense Fund (EDF) Climate Corps Fellow, spent 10 weeks at the Port this summer where he helped the staff at the office of Safety, Environment & Risk Management (SERM) research possible ways to help offset greenhouse gases.

"One important lesson that I learned was how a public administration operates, which is one of the primary reasons that I chose MDOT MPA. I learned how public projects get funded and how they are managed on a day-to-day basis," he explained.



“MDOT MTA is proud to collaborate with MDOT MPA on this meaningful project that benefits both agencies and has a positive environmental impact on the state.”

— Robert Frazier, MDOT MTA Environmental Manager

↑ Accepting the Environmental Excellence award are, from left: Kristen Fidler, Director of MDOT MPA Office of Harbor Development; Mindy Strevig, Senior Engineer for Maryland Environmental Service; Bill Richardson, General Manager of MDOT MPA Safety, Environment & Risk Management; Robert Frazier, Environmental Manager of MDOT MTA; and Earl Lewis, MDOT MTA Executive Secretary.

communication and collaboration benefitted the TBUs and saved money for the state,” said Richardson.

Cross-departmental coordination ensured that all parties were aware of the different components of the project and understood the potential for beneficial reuse. The project showed

that good coordination and sound project planning can help MDOT units realize environmental and economic benefits, according to the application.

“MDOT MTA is proud to collaborate with MDOT MPA on this meaningful project that benefits both agencies and has a positive environmental impact on

the state,” Frazier said.

The partnership between the TBUs can serve as a role model for other cooperative efforts and “only scratches the surface of the many possibilities for the innovative and beneficial reuse of suitable material throughout MDOT,” Richardson said. 🌐

Murray helped the Port answer questions on the ancillary benefits of restored wetland ecosystems at dredged material management facilities, chiefly, the potential to sequester carbon. Carbon sequestration is a way to take carbon out of the air and store it in the ground or in plants and trees where it will remain for a long time, unable to return to the atmosphere and contribute to global warming. He visited current and former dredged material sites, including Hart-Miller Island, that include wetlands that have been restored using sediment dredged from the Port’s navigation channels.

Murray “used preliminary modeling tools using regional and some site-specific information to show that there is quantifiable carbon being sequestered annually at these restored wetlands and ecosystems,” said Chandra Chithaluru, Manager of SERM’s Air Quality Policy and Programs. At the end of the fellowship, Murray presented his research and findings.

The EDF fellowship program is a competitive program that matches graduate students looking to launch careers in environmental sustainability and complete requirements for their degrees with organizations committed to improving their energy and environmental management. Since 2008, EDF

has placed nearly 1,000 graduate students into more than 450 organizations in the United States and China to tackle energy-related challenges.

Organizations willing to host a fellow submit applications outlining their projects and work plans. The students choose five that best align with their skills and interests. Then EDF helps to make the best match.

Murray is the fourth EDF fellow to work with SERM at MDOT MPA. “It is a mutually beneficial program,” said Chithaluru. “MDOT MPA benefitted from well thought-out research on a specific topic. It has been a successful partnership for the last four years.” The MDOT MPA staff oversees the day-to-day activities of the fellow and guides him or her in research, communications, report writing and presentations.

“The best part was getting an inside look at state government and getting acquainted with the people who work in it,” said Murray, who is completing his master’s degree in environmental management.

“I am really glad that the Port cares enough about the sustainability of their operations that they invite people like me to come and study there.” 🌐

AUTOS



Port of Baltimore Is Nation's Top Seaport for Automobiles and Light Trucks

BY TODD KARPOVICH | Photography by Bill McAllen

The Port of Baltimore prides itself on being the nation's No. 1 point of entry for automobiles.

Its strategic location, infrastructure and customer service have been catalysts for long-term relationships within the industry.

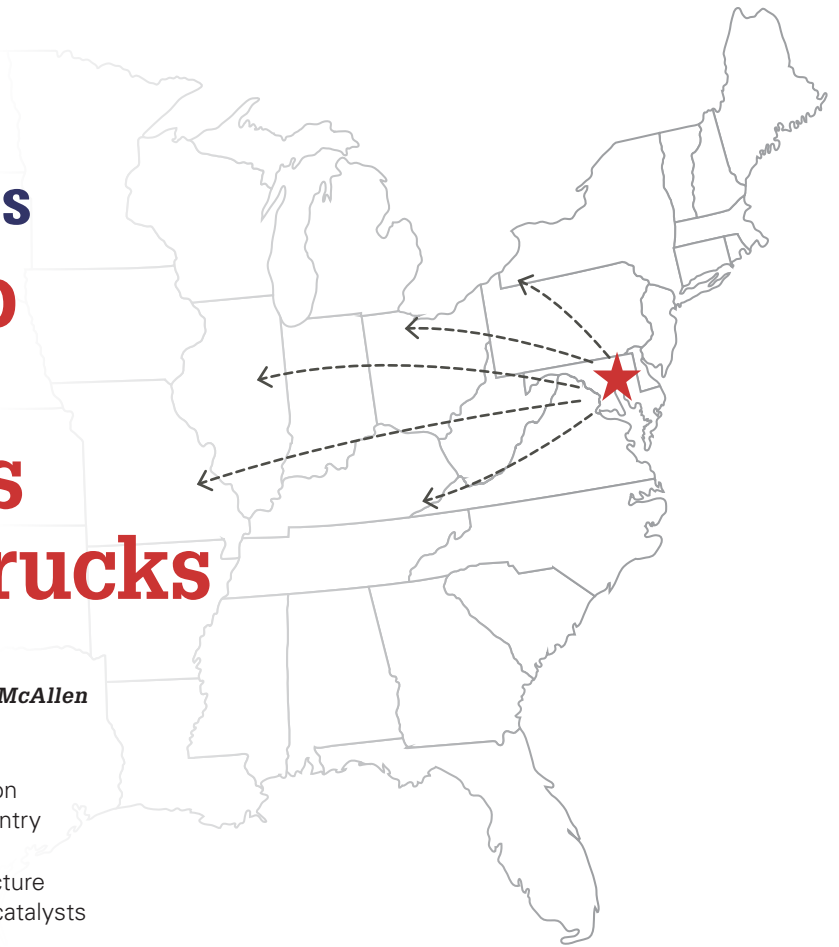
The automobile industry has helped Baltimore become one of the nation's busiest ports and one of Maryland's leading economic engines.

"I believe a major factor in the POB's continued success are the relationships we have with our partners in the auto business," said Larry Johnson, Sales Manager of Trade Development, Automotive at the Port. "From the OEMs [original equipment manufacturers], processors, ocean carriers and the stevedores, there is almost a fellowship of working toward the goal of damage-free, smooth loading and discharging of the ships.

The ILA [International Longshoremen's Association] is such an important component of the goal of a damage-free work environment here. They have an experienced and conscientious workforce. The OEMs know their cars are in good hands at the Port of Baltimore."

For eight consecutive years, the Port has handled more cars and light trucks than any other U.S. port, with 850,147 units.

Concentrating more specifically on the state-owned marine terminals, a record 636,575 cars and light



“ The Port of Baltimore is an ideal port for an auto manufacturer due to its competitive rail connectivity to the Midwest and reliably strong serviceability among our ocean carrier base.”

— Paul Roosen, Network Planning & Strategy, North American Vehicle Logistics for Ford Motor Co.





trucks crossed the public docks last year, including a record 442,838 imports.

Most of the Port's auto-manufacturing customers had volume increases in 2018, especially Mazda, Mitsubishi, Nissan and Subaru. Chrysler imports were also strong. The Port's exotic OEM customers, such as Lamborghini, McLaren and Aston Martin, all had increased volumes as well. The Port's healthy used-car export market to Africa was strong again.

Total 2018 U.S. auto sales were 17.3 million, with light trucks and SUVs accounting for 65 percent of the market.

"The Port of Baltimore is an ideal port for an auto manufacturer due to its competitive rail connectivity to the Midwest and reliably strong serviceability among our ocean carrier base," said Paul Roosen, Network Planning & Strategy, North American Vehicle Logistics for Ford Motor Co.


Baltimore's advantages as an auto port are many. For imports, Baltimore's location as the closest East Coast port to the Midwest allows cars to be shipped to inland destinations in the most cost-effective and efficient manner. The same geographic advantage also helps with export autos coming from the Midwest.

The Port offers auto manufacturers choices, with four on-dock





AUTOS

 When a port has multiple ocean carriers and multiple port processors, it allows General Motors to have options.”

— Rick Duncan, Supervisor of Intercontinental and Port Operations for GM Logistics

auto processors, a large number of haul-away trucking companies and all major ocean carriers.

“When a port has multiple ocean carriers and multiple port processors, it allows General Motors to have options, which could allow vehicles to ship in a timely manner to our end customers,” said Rick Duncan, Supervisor of Intercontinental and Port Operations for GM Logistics.

With its unique quality assurance program, Quality Cargo Handling Action Team, or QCHAT, the Port guarantees that each auto leaving or arriving receives top-notch handling. With these benefits in its back pocket, it’s easy to see why Baltimore continues to have great success with the auto industry.

“The Port of Baltimore is probably the most



efficient and effective port Auto Warehousing operates in,” said Marty Colbeck, Director of East Coast Sales for Auto Warehousing Company (AWC). “From its director Jim White to the entire support staff, Baltimore is quick to respond to any questions or issues that may arise. The fact that the Port takes pride in facilitating a quality initiative, including the processors, stevedores and customers, establishes a benchmark that other ports are trying to match.”

AWC accepts both import and export cargo at the Port. “We have been awarded the processor of the year three years in a row by Toyota Motors. We could not have done that without the support of the Port of Baltimore,” Colbeck said. “AWC is proud to have two separate operations at the Port and looks forward to working together for many more years to come.”

The Maryland Department of Transportation Maryland Port Administration (MDOT MPA) announced plans in June to renovate an unused fruit pier for suitable storage space for the increasing number of automobiles and other cargo arriving at the Port. The Maryland Board of Public Works approved a \$4.6 million contract with Cianbro Corp. of Baltimore to raise the elevation of the pier to match that of adjacent terminals and to grade and resurface the parcel for cargo storage.

The extra land is a key component for success. It allows the companies around the Port the flexibility to expand.

Last year, Maryland Gov. Larry Hogan and the Maryland Board of Public Works approved a contract to fill in a wet basin at the Port’s Fairfield Marine

Terminal. This will create more land to help handle the Port's surging auto and roll-on/roll-off cargo.

Filling in the wet basin will create seven acres of cargo storage area. This contract will complete the overall project by raising the elevation and adding a new storm drainage system, finished surfacing, lighting, fencing and a security booth.

In addition, AMPORTS acquired 60 acres of land next to its Chesapeake Terminal with plans for an additional pier extension to accommodate incoming autos and for extra storage space.

"The new wet basin, approximately seven acres at the foot of Childs Street, has been added to the footprint of the Fairfield Terminal," Johnson said. "And AMPORTS is about 90 percent finished with improving

the Sasol lot adjacent to the Chesapeake Terminal."

The project also includes the installation of three surface sand filters to treat stormwater runoff and a stone retaining wall along the southern and eastern shores of the site.

Earlier this year, Volkswagen Group of America announced plans to start importing new vehicles through Tradepoint Atlantic in Sparrows Point, which would add 100 jobs to the area. The new Volkswagen distribution center could bring in about 120,000 cars per year. Tradepoint is being viewed as an effective outlet for the continued growth in auto imports at Fairfield/Masonville and Dundalk marine terminals.

In 2014, the MDOT MPA opened a new auto berth at the Port's Fairfield/Masonville Marine



↑ **AMPORTS** (above) is the largest processor of vehicles at the Port of Baltimore and continues to expand. The firm recently acquired 60 acres of land next to its Chesapeake Terminal (right) with plans for an additional pier extension to accommodate incoming autos and for extra storage space.

8 YEARS

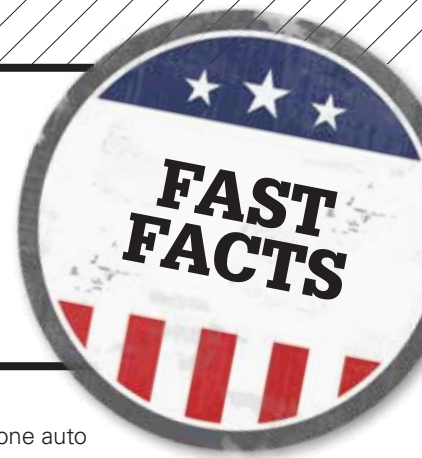
consecutively the Port has handled more cars and light trucks than any other U.S. port.

CARRIERS

The Port has all ro/ro carriers calling at Baltimore — your vehicles can get to any destination.

OCHAT

is recognized worldwide as the most successful port-wide quality care program in the country.



Terminal. The new berth replaced one that had been in operation for more than 70 years. At 1,175 feet in length, it is nearly 300 feet longer than the old berth and 20 feet wider at 130 feet. The new berth can support 1,000 pounds per square inch compared to the previous 100 pounds per square inch and is equipped to handle rail transport.

"The Port of Baltimore is the number one auto port in the nation and continues to break cargo records every month," said Gov. Hogan. "Our administration is committed to furthering this growth and strongly supports our great Port and its thousands of hardworking men and women handling the millions of tons of cargo coming in throughout the year." 🌐



ARC Holds Naming Ceremony at Port

THREE NEW VESSELS CHRISTENED BY ROLL-ON/ROLL-OFF CARRIER

BY TODD KARPOVICH | Photography by Bill McAllen

In September, American Roll-on Roll-off Carrier (ARC) christened three new ships, the *Resolve*, the *Integrity* and the *Independence* — some of the most versatile and militarily useful ships in the U.S.-flag commercial fleet — at the Port of Baltimore.

“We were very pleased to host this wonderful event,” said James J. White, Executive Director of the Maryland Department of Transportation Maryland Port Administration (MDOT MPA). “ARC is an important partner of ours and we look forward to many more years of working with [President and CEO] Eric Ebeling and their great leadership.”

The new vessels will be enrolled in the Maritime Security Program (MSP), the bedrock Congressional maritime

readiness program, and the Voluntary Intermodal Sealift Agreement (VISA).

Baltimore was an appropriate site for the ceremony because it is ARC’s largest port of call and also the largest roll-on/roll-off port in the nation.

“The Maritime Administration and the Department of Transportation are so pleased to see ARC making this new investment,” said Maritime Administrator Mark H. Buzby in his keynote address at the ceremony. “Witnessing these three vessels flying the U.S. ensign and enrolled in the Maritime Security Program should be a welcome sight for us all as we work

to grow the U.S.-flag fleet to support America’s economic and national security. May they sail safely and boldly with the American crews for years to come.”

Buzby was joined by several other distinguished speakers, including Major General Michael C. Wehr, Director of Strategic Plans, Policy and Logistics (J5/J4) at U.S. Transportation Command, Scott Air Force Base, Ill.; Michael Sacco, President of Seafarers International Union of North America, AFL-CIO; and James J. White, MDOT MPA.





ARC President and CEO Eric Ebeling gave special thanks to White and the entire MDOT MPA staff for their hospitality and support. Ebeling noted that a critical factor to the success of the U.S. maritime sector is a strong public-private partnership with the Department of Transportation and its maritime component MARAD as well as the Department of Defense, in particular the U.S. Transportation Command.

Seafarers International Union (SIU) President Michael Sacco said the new vessels are vitally important to the MSP fleet.

"Whether we're going to war or mobilizing for a humanitarian mission anywhere around the globe, we've got to have reliable ships, with loyal American mariners, delivering the goods," said Sacco. "The men and women who sail aboard the [vessels] are America's fourth arm of defense and part of a legacy that has supported our troops, not for years, but for centuries."

Consistent with past practice and company tradition, the new vessels were named to reflect core American values. Ebeling said that "with these three additional ships, ARC stands poised to operate a fleet of 10 ships for the foreseeable future, a net increase of four ships since 2016 and, incidentally, our largest fleet ever, strengthening ARC's position as the leading U.S.-flag ro/ro global logistics provider."

The three vessels all have main decks that can accommodate cargoes up to 6.5 meters (21.32 feet) in height, which will make them among



↑ (Top left) MARAD Administrator and Retired Rear Admiral Mark H. "Buz" Buzby addresses the attendees at the naming ceremony for M/Vs **ARC Resolve**, **Integrity** and **Independence**. (Top right) Major General Michael C. Wehr, Director of Strategic Plans, Policy and Logistics at U.S. Transportation Command, also attended the ceremony. (Bottom) MDOT MPA Executive Director Jim White presents a ship's wheel to ARC's President and CEO Eric Ebeling.

the most capable in the U.S.-flag commercial fleet for government and project cargoes.

ARC is the largest U.S.-flag ro/ro carrier and the second-largest U.S.-flag carrier operating in international trade. The company provides American-owned, managed and crewed ro/ro shipping and intermodal services committed to the requirements of the U.S. Department of Defense, other U.S. government departments and agencies and commercial customers. 🌐



SHIP SPECS

M/V ARC Resolve (formerly M/V *Otello*) is 199m long with a beam of 32.26m. She has a 14.15m wide and 7.04m high stern opening, with a stern ramp rated for cargo weighing up to 240 MT.

M/V ARC Integrity (formerly M/V *Fedora*) and **M/V ARC Independence** (formerly M/V *Faust*) are sister ships — each is 237m long, has a beam of 32.26m, a 14.15m wide and 7.04m high stern opening and a stern ramp rated for cargo up to 240 MT.

Collaboration Provides Success

ATLANTIC CONTAINER LINE (ACL) HAS LONG-STANDING RELATIONSHIP WITH PORT OF BALTIMORE

BY TODD KARPOVICH

Photography Courtesy of ACL

Atlantic Container Line (ACL) and the Maryland Department of Transportation Maryland Port Administration (MDOT MPA) have been strategic partners for more than five decades. They have worked closely together to witness business growth and plan for a successful business collaboration for many years to come.

"Baltimore has been an integral part of ACL's service for over 50 years. Under the very capable management of Executive Director Jim White, the MDOT MPA has always found the right solutions to enable us to dramatically grow our operation and add the services of our parent company, Grimaldi. Our group now has multiple Baltimore calls each week to Northern Europe, the Mediterranean and West Africa, moving 125,000 cars, 50,000 container TEUs and 300,000 tons of oversized cargo last year. Nobody solves problems faster or helps us exploit opportunities better than Jim and his team," said Andrew J. Abott, President and CEO of ACL.

ACL revolutionized the international maritime industry when its first vessel, the *Atlantic Span*, called at the Port of Baltimore in September 1967. This unique ship had its cargo of automobiles, machinery and trailers placed in its garage deck, safe and secure from the bad weather and elements. The cargo was rolled off the ro/ro deck. This was a first since other carriers had their cargo above deck and it needed to be hoisted off vessels. Driving cargo on and off the *Atlantic Span* was much safer and more efficient.

"ACL has been a longtime presence at the Port of Baltimore and is a key reason for our growth in many different commodities," said James J. White, Executive Director of the MDOT MPA. "Andy and





STAY SECURE. 24-HOUR MOORING SERVICE



MARYLAND
LINE HANDLING

Maryland Line Handling Co.
2200 Broening Highway | Suite 235A
Baltimore, Maryland 21224

email: mdlinehandling@comcast.net
office: 410.633.2519 | fax: 410.633.2565

→ PORT BUSINESS

his team are second to none and we look forward to a continued productive partnership for years to come."

After 50 years, ACL has successfully navigated the many dramatic changes within the industry. The company has traversed more than 25 million miles with more than 100 million tons of cargo. ACL is a model for other shipping companies because of its use of multimodal vessels that have the ability to call at almost any port in the entire world.

ACL is a specialized carrier of containers, project and oversized cargo, heavy equipment and vehicles with the world's largest combination ro/ro/container ships. ACL has made history handling many unusual and exotic cargoes — animals, museum pieces, whole diners and the cargo of celebrities such as Queen Elizabeth, Elvis Presley, John Travolta, Mick Jagger and Arnold Schwarzenegger.

ACL's headquarters are in Westfield, N.J., with offices throughout Europe and North America. ACL has four transatlantic sailings each week and also handles the Grimaldi Lines' Service between the U.S. and West Africa and the Grimaldi EuroMed Service between North America and the Mediterranean. Furthermore, ACL carries oversized cargo from North America to the Middle East, Far East and Australia.

In 2007, ACL became a wholly owned unit of the Grimaldi Group of Naples, Italy. ACL launched its new G4 (Generation 4) fleet in 2018. The G4 fleet consists of first-of-its-kind, innovative vessels: the *Atlantic Star*, *Atlantic Sun*, *Atlantic Sea*, *Atlantic Sail* and *Atlantic Sky*, all operating in the company's transatlantic service.

The G4 vessels are the largest ro/ro/container ships (CONRO) ever built. They incorporate an innovative design that increases capacity without significantly changing the dimensions of the vessel. The G4s are bigger, greener and more efficient than their predecessors. The container capacity is more than doubled, at 3800 TEUs, plus 28,900 square meters of ro/ro space and a car capacity of 1,300+ vehicles.

The ro/ro ramps are wider and shallower, and decks are higher (up to 7.4



**Baltimore International
Warehousing Corporation**

All Ways Transportation, Inc.

600,000 Sq. Feet
Large Modern Fleet of Tractors & Chassis
54 Dock Doors
Import and Export Consolidation
Alarm Central Station
Packing and Crating
Bonded Warehouse
Bonded Carrier
L.T.L. Deliveries
CFS
AIB Certified

7646-56 Canton Drive
Baltimore, MD 21224

410-633-3500
FAX 410-633-4147

**BRINGING
THE
WORLD
TO YOUR
DOOR**

sue@biwt.com
www.BIWT.com

meters) with fewer columns, enabling much easier loading and discharge of oversized cargo. Emissions per TEU are reduced by 65 percent. The fleet employs cell-guides on deck, a feature that allows ACL to extend its enviable record: For more than 50 years, ACL ships have never lost a container at sea.

ACL's new G4 fleet greatly enhances the company's cargo-carrying capabilities. Combined with Grimaldi's ever-expanding service network, the G4s enable ACL to provide even more services for its customers and maintain its leadership role as a high-quality container and ro/ro operator for many years to come.

In 2018, ACL chose the Port of Baltimore's Dundalk Marine Terminal as the site to christen its new G4 vessel, the *Atlantic Star*, with a ceremony aboard the vessel that included ACL CEO Andrew Abbott, Commissioner Rebecca Dye of the Federal Maritime Commission (Godmother of the

ATLANTIC CONTAINER LINE (ACL) AT A GLANCE

U.S. HEADQUARTERS: Westfield, N.J.

PRESIDENT & CEO: Andrew J. Abbott

EMPLOYEES: 307 (Europe, the U.S. and Canada)

PORTFOLIO: Four weekly transatlantic sailings covering 15 ports in Northern Europe, the U.S and Canada.

aclcargo.com



vessel) and Guido Grimaldi, grandson of the parent company's founder, who traveled from Italy for the ceremony. Over the years, the Port has become the key location for the Grimaldi Group's business activities.

A special connection that the Port of Baltimore also shares with ACL is that James J. White, Executive Director of the MDOT MPA, began his career by working on the docks at the

Port. He remembers that you "could set your watch" to the arrival of the ACL vessels.

The Port has a 52 percent market share of all roll-on/roll-off cargo handled on the U.S. East Coast. The Port also ranks first in the U.S. for the import and export of automobiles. This fits perfectly into ACL's strategic goal of maintaining leadership in the transportation of ro/ro cargo. 🌐



Phone: (410) 342-6013 | dispatch@MDPILOTS.com

www.marylandpilots.com | 3720 Dillon Street | Baltimore, MD 21224

Surveyors & Consultants

AMERICAN MARINE & CARGO, INC. STEPS UP TO MARITIME CHALLENGES

BY MARY MAUSHARD | Photography by Donovan Eaton Photography

When local stevedores were blamed for diesel-fuel contamination of salt in a bulk shipment, American Marine & Cargo, Inc., delved into the situation, finding that the contamination occurred elsewhere and saving an area firm millions in liability costs.

When a bulk vessel was loading steel beams and machinery boxes at the Port of Baltimore, without any way to secure them, American Marine found a solution that enabled the crew to load the whole shipment securely so it could arrive safely and securely in an Italian port.

These are the kinds of jobs American Marine has been doing at the Port of Baltimore since the company's founding in 2004. "You name it and we do anything related to the maritime industry and ships," said Capt. Alok K. Praharaj, owner and founder.

Capt. Alok, as everyone at the Port knows him, started American Marine when his previous employer, Capt. Heiner Popp, retired and closed his firm of the same name. He had worked for Popp for 18 years at the Port. Among Capt. Alok's memorable assignments there was assisting the National Transportation Safety Board with its investigation of a fatal water taxi accident in the Inner Harbor 15 years ago.

American Marine continues as a marine survey and consulting firm that inspects and surveys ships to assess

and report on their condition and that of the products on them. They might be called to assess vessels for prospective buyers or to survey structural damage after an accident.

The firm's surveyors and engineers work on both ships and barges.

"Our success is mainly based on honesty and integrity, which are the key ingredients of an independent marine surveyor, plus hard work while serving our clients diligently," said Capt. Alok. "These help us to succeed with repeated assignments."

Capt. Alok goes to great lengths to maintain that honesty and integrity. When a major U.S. coal exporter faced a potential million-dollar claim from a customer in Ireland, he went to an Irish port to carry out a joint draft survey with surveyors from Ireland and England. He was able to prove that draft surveys done in Baltimore accurately represented the amount of tonnage shipped, nullifying the claim.

The Maryland Department of Transportation Maryland Port Administration (MDOT MPA) also contributes to the

➔ **Capt. Alok Praharaj (left), owner and founder of American Marine & Cargo Inc., will complete almost any task related to the maritime industry and ships at the Port of Baltimore.**



firm's success. "Thousands of ships and barges call the Port of Baltimore every year," Capt. Alok explained. "The Port of Baltimore is equipped with infrastructure as well as experienced, well-qualified personnel to attract business from various parts of the world. We attend all kinds of vessels — more vessels mean more business for us."

Capt. Alok described some of the range of projects his firm tackles:

- Cargo damage due to heavy weather to mitigate the loss between parties;
- Draft surveys to determine the weight of cargo loaded and discharged to provide the quantity that determines how much both the buyer and seller have to pay each other in addition to the correct amount of freight charged by shipping lines, which is based on tonnage carried;

- Off-hire/on-hire bunker surveys that calculate the amount of heavy and diesel fuel on board before and after a charter to determine fuel charges;
- Fuel assessments to calculate the amount of fuel/diesel oil supplied by a barge.

American Marine personnel will oversee heavy-lift operations during which 300-ton pieces are loaded or discharged. This includes ensuring that proper certified gears are used for the operation, that the load can be properly secured on shipboard and in rail cars or trucks, and acting as a go-between with the vessel's officers, explained Capt. Alok and Alex Spinelli, Project Cargo Manager of American Marine.

While completing these tasks, American Marine's engineers and surveyors also keep a careful eye on

environmental hazards, watching for oil spills, garbage dumps and signs of pollution in dock water. "We attend bunker delivery surveys for a smooth transfer of fuel oil from barges to vessels, making sure all safety protocols are maintained strictly for any spillage that could potentially contaminate the Bay water," said Capt. Alok.

American Marine counts among its many clients some of the major lines to call at the Port: Wallenius Wilhelmsen Solutions, Atlantic Container Line (ACL), Spliethoff Lines and CNH Industrial. Ports America Chesapeake, MDOT MPA, Host Terminals, Rukert Terminals, Canton Terminal and all major U.S. coal exporters are also among their clients. The firm surveys cargo for underwriters, cargo owners and others with vested interests in such shipments.

In addition, while acting as Port

Let's create something your audience will look forward to

todaymedia
custom communications



- custom publications
- websites
- annual reports
- mobile applications
- graphic design
- printing & direct mail
- print ad sales
- targeted email marketing
- geofencing
- targeted display

todaymediacustom.com

CONTACT:

Steve Lassiter – 443-909-7828;
steve.lassiter@todaymediacustom.com

captains, the company takes charge of loading/discharging cargo from ships and serves as a liaison between local stevedores and vessel officers. They make sure that a vessel's stability and draft limitations are good for sailing. Knowing the local Port rules and regulations of stevedores, Port captains help their clients save thousands of dollars.

American Marine has four full-time employees in addition to Capt. Alok, who is an ex-master of ocean-going ships with more than 33 years of experience as a marine surveyor and consultant. The firm also has five part-time employees. "Our employees are highly qualified merchant ship officers/engineers and very experienced surveyors," he said.

Just as hard work, honesty and integrity are American Marine's keys to success, paying attention to client feedback and watching industry trends keeps them poised for the future. Capt. Alok sees new ship designs, new methods to secure cargo and gears, and increased computerization of cranes, gears (equipment) and navigation systems in that future.

"Success is not only measured by past achievements," said Capt. Alok. "It is the future that brings it and we strive for the same with honesty and integrity." 🌐

AMERICAN MARINE & CARGO INC. AT-A-GLANCE

FOUNDED: 2004

HEADQUARTERS:
2700 Broening Highway
Shed No. 6
Baltimore, MD

PRINCIPAL SURVEYOR:
Capt. Alok Praharaj

EMPLOYEES:
5 full time, 5 part time

FLEXI VAN®

Leasing Chassis Since 1955

Premium Intermodal Chassis

20', 40', 45', combo triaxle, extendable, and others

Dedicated Baltimore Service Center

Reliable full service maintenance and repair

Pool & Fleet Management Products

Including inspections, maintenance and repair, and road service

Short & Long Term Contracts

Customized to fit your needs

FLEXIDAY® Daily Rentals

Book your chassis online at **ChassisNow.com**

www.FlexiVan.com



YOUR FLEXIVAN SALES REPRESENTATIVE

Ed Ashton
Tel.# (443) 320-4750
EAshton@FlexiVan.com

FLEXIVAN SERVICE CENTER

4901 Holabird Avenue
Baltimore, MD 21224
Tel.# (410) 633-2400

MOBILE FULL SERVICE SHIP REPAIR YARD

Emergency/Maintenance | Field & Shop Repairs | Machine Shop/Fabrications
Serving Baltimore, Wilmington & Philadelphia
Around-The-Clock Service
Floating Equipment To Service Vessels At Cargo Piers
Dry Dock & Wet Berth Services

RIDING CREWS TO SERVICE VESSELS WHILE UNDER WAY

The General Ship Repair Corp.



1449 Key Highway, Baltimore, Maryland 21230
Phone: 410/752-7620 | Fax: 410/752-4650
info@generalshiprepair.com
www.generalshiprepair.com



Industrial Division of The General Ship Repair Corporation

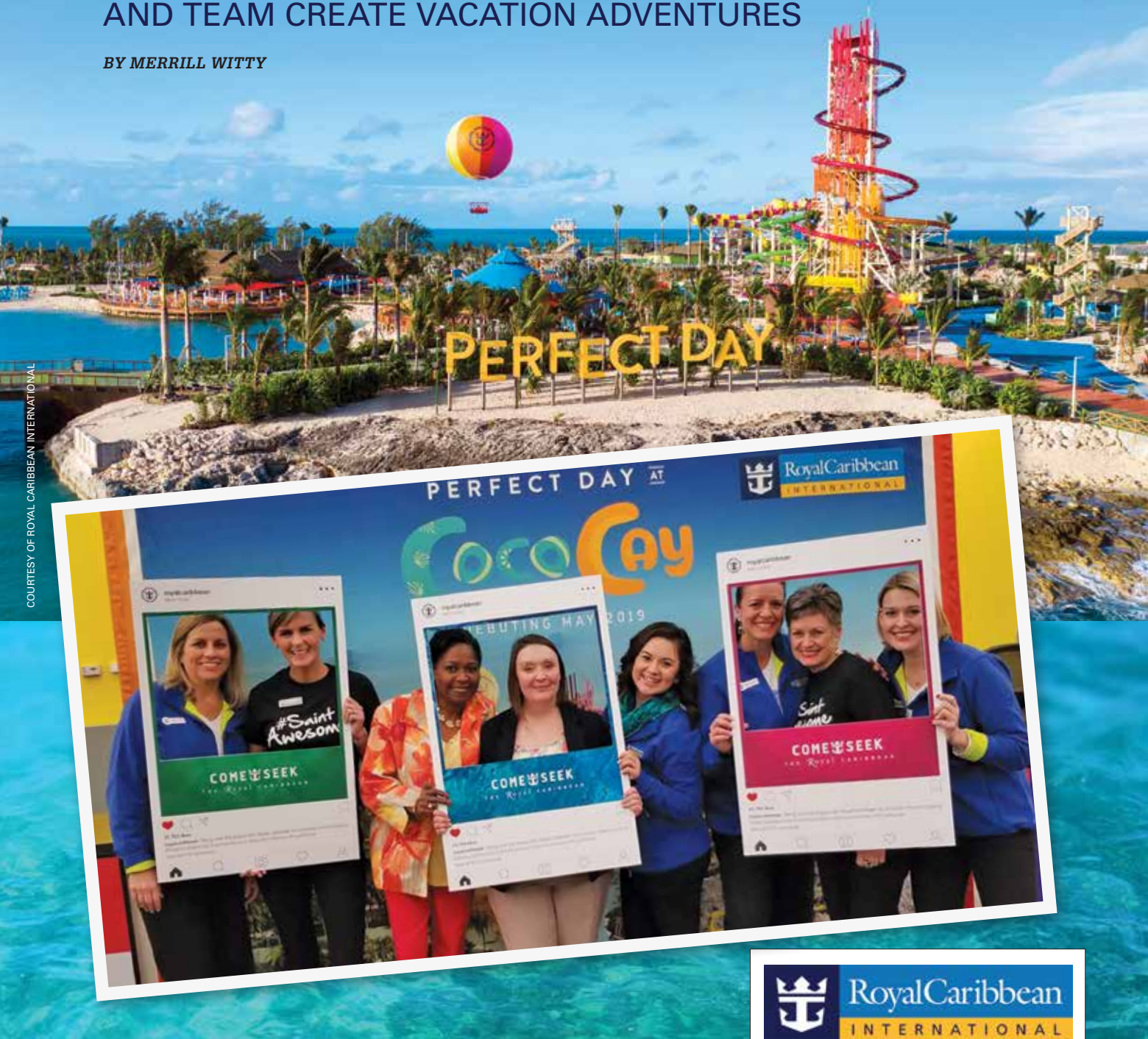
**Commercial & Industrial Repairs | Structural & Mechanical
Machining & Fabrications**

*"A Baltimore Tradition With Over Seventy-Five Years
In The Same Location"*

Tickets to Paradise

ROYAL CARIBBEAN CRUISE LINES' ROXANNE STEELE AND TEAM CREATE VACATION ADVENTURES

BY MERRILL WITTY



COURTESY OF ROYAL CARIBBEAN INTERNATIONAL

WHAT DO THE STRATEGIC ACCOUNT MANAGERS SELL FOR ROYAL CARIBBEAN CRUISE LINES?



The thousands of passengers boarding the cruise ship *Grandeur of the Seas* at the Port of Baltimore also find it's an easy drive — not a flight — from their homes, with plenty of onsite parking when they arrive.

Grandeur of the Seas is the only Royal Caribbean ship sailing from Baltimore and goes to many destinations from the Southern Caribbean to Canada.

Roxanne Steele is in a team comprised of four strategic account managers all tasked with one object: putting people from the surrounding states onto that ship. Steele has the longest tenure in the cruising industry among the group (16 with Carnival and six with Royal).

Raised in Lancaster, Pa., she had long set her sights on the travel industry, earning an associate's degree in Travel Tourism Management.

"As I was learning about the different sectors of the travel industry, I knew from the very beginning that I wanted to work for a travel supplier," Steele said. "I started with a company in their reservations department. After a year in reservations, I then took on a sales manager position and started covering the New England area over the course of six years."

In July 1995, Steele was one of several

sales managers a cruise line invited onto their Inaugural celebration. "I immediately fell in love with all aspects of the cruising industry," she said. "I needed to sell cruise vacations!"

She then took on the position of Business Development Manager for a large cruise company in 1996, covering the Central Pennsylvania territory.

"I remember, that year, we were introducing the largest cruise ship in the industry," Steele said. "Now I am a part of what was and still is the fastest-growing segment of the travel industry."

She said an amazing opportunity opened up for her with Royal Caribbean Cruise Lines in October 2013. She is now the Strategic Account Manager for the Central and Eastern Pennsylvania territory. Steele also covered Northern Maryland for five of her six years with Royal Caribbean.

"I am very fortunate to be working for a cruise line that is a true leader in the cruising industry," she said.

Steele added that a high point in her career with Royal Caribbean was making it into Royal's 2017 "Top 10 President's Club."

"2017 was a year that all the stars were aligned just right! I continue to strive to do my very best every day. I am very lucky to have a wonderful territory, building long-lasting relationships with my amazing travel partners and working for a company that feels like our

← **Opposite page:**
Royal Caribbean International's "Perfect Day at CocoCay" is a popular vacation spot that is home to the tallest waterslide in North America, an "Up, Up and Away" helium balloon and the Caribbean's largest wave pool. It features pristine, white sand beaches with crystal-clear tropical water.

Inset: Roxanne Steele's team consists of (from left): Kelley Winner, Royal Caribbean; Natalie Allaby, Port Saint John; Cindy Burman, Cruise Maryland; Sarah Rumley, Port of Halifax; Amy Bonheim, Royal Caribbean; Roxanne Steele, Royal Caribbean; Betty MacMillan, Port Saint John; and Laura Schwerzler, Royal Caribbean.

Moss Marine USA

Workshop Services & Specialty Products

Ship & Industrial Equipment Repair



Hull ★ Piping Systems ★ Cargo Gear ★ Ramps

Welding ★ Machining ★ Cranes & Rigging

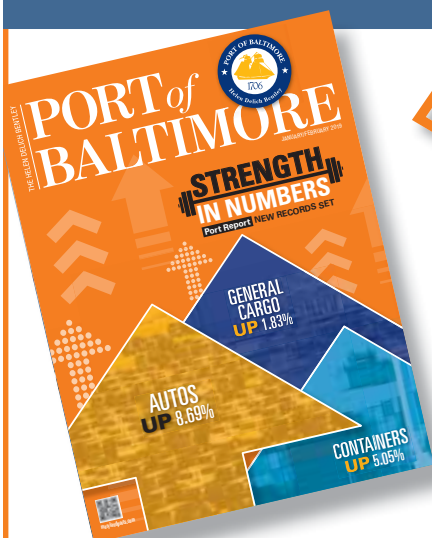
Main Propulsion & Auxiliary Machinery ★ Underwater Services

mossmarine@aol.com

www.mossmarineusa.com

(410) 542-8775

REACH TOP MARITIME INDUSTRY DECISION-MAKERS



If you are
reading this, so are your
potential customers!
Put your message in front
of them in the next issue:

Nov/Dec

FOR MORE INFORMATION

Contact Karen Bark **443.909.7824**
or karen.bark@todaymediacustom.com

second family!" she said. "It's very exciting to see that the cruising industry shows no signs of slowing down. Royal Caribbean will be introducing six new ships between now and 2025. We just introduced 'Perfect Day at Coco Cay,' our private island in the Bahamas. *Grandeur of the Seas* sails year-round from the Port of Baltimore and visits Coco Cay regularly. This island is a game changer!"

"Perfect Day at Coco Cay" consists of 100 acres of adventure. Twenty-one slides, including the tallest slide in North America, the largest freshwater pool in the Bahamas, ziplining, the largest wave pool in the Caribbean and views from 450 feet in the sky on "Up, Up, and Away!" are among the attractions.

Question is... "Do you want the thrills or do you want to chill?" she said.

"I know there are many more things in the works ... so I am just thrilled to be a part of the Royal Caribbean team," Steele said, noting that the four account managers who work the neighboring states are "not only my counterparts, but also good friends!"

She added: "We are all Strategic Account Managers for Royal Caribbean, covering the Maryland, DC, Virginia and Pennsylvania territories. We continue to work together in making sure that the *Grandeur of the Seas* and the Port of Baltimore are a success. We have the opportunity to showcase the *Grandeur of the Seas* when she is in port. It's always very exciting to watch a travel partner and/or a potential new group leader visit a cruise ship for the first time."

Cindy Burman, General Manager, Cruise Maryland, Maryland Department of Transportation Maryland Port Administration added: "Royal Caribbean is one of our very special cruise partners and we're honored to work with such a dynamic team of professionals to promote cruising from Baltimore."

A Royal Caribbean Cruise vacation offers "an amazing value that you just cannot get from a land-based vacation," she said. "All your meals, entertainment, activities, along with visiting various ports of call, are included in one price! Plus, you have the convenience of departing from Baltimore. You just can't beat that value." 🌐

**Call Your
Travel
Agent Today!**

*Cruise Maryland*TM
from the Port of Baltimore
Gateway to your Getaway!

**Cruise Maryland
Terminal**

Interstate 95

**Royal Caribbean
Grandeur of the Seas**

**Sailing weekly from
Baltimore to the:
Bahamas ~ Bermuda
Eastern/Western/
Southern Caribbean
New England/Canada**



Carnival Pride



cruisemaryland.com 1.866.427.8963
www.facebook.com/cruisemd

Governor Larry Hogan MDOT Secretary Pete K. Rahn MDOT MPA Executive Director James J. White



STORY BY TODD KARPOVICH

Canton Provides Easy Gateway to Port of Baltimore

This 1957 photo shows a crane about to unload a ship at the Cottman Company dock in Canton, which has played a key role in the history of Baltimore's maritime industry. The famous U.S.S. *Constellation* was built at the Harris Creek naval shipyard in Canton in the late 1700s. In the 1800s, Captain John O'Donnell also developed his plantation, Canton Estate, into worker housing and industrial sites, including Canton Iron Works. Other key businesses, such as Baltimore Copper Smelting

Company and oil refineries, kept Canton buzzing with activity. European emigrants also opened terminals along the waterfront to boost their trade businesses.

Today, Canton remains a gateway to Baltimore's vibrant maritime industry. O'Donnell Street is a clear route to the Port of Baltimore and an important gateway for vehicles transporting goods from the Port. Canton is still home to various companies that offer services for those looking to do business at the Port. The area has also played a key role in the revitalization of Baltimore City. 🌐

Delaware Bay Launch Service, Inc.

Serving the Mid-Atlantic Since 1973 ...



Service Up to 100nm Offshore from New York to North Carolina

- 5 U.S.C.G. Inspected Crewboats
- Stores, Spares & Personnel Transport
- Regulated Garbage Removal
- Offshore STS Lightering Support
- Dredge Support
- Offshore Wind O&M Transport
- Personnel On Duty 24/7
- Dive Support
- Soundings
- Warehousing
- 30 Ton Shore Crane
- Fresh Water Deliveries

Vessels Available for Long Term Charter

Phone: 302.422.7604 Fax: 302.422.3885

VHF Ch. 09

www.delawarebaylaunch.com

Email: info@delawarebaylaunch.com

Maryland Department of Transportation
Maryland Port Administration
The World Trade Center Baltimore
Baltimore, MD 21202



Presorted Standard
U.S. Postage
PAID
Baltimore, MD
PERMIT NO. 5415



ACE LOGISTICS

Now Serving Los Angeles, Stockton, Seattle, Charleston & Oakland

WAREHOUSING | TRANSPORTATION | CONTRACT PACKAGING | DISTRIBUTION



FOREIGN TRADE ZONE

4200 Boston Street
Baltimore, Maryland 21224
1.800.486.5996 | Cell: 410.294.4517
Email: alec@acelogisticsonline.com

- Cross-Docking
- Consolidation
- Drayage Services